

MAGICARD Sicura Laminator



Quick Start Guide *Laminator Setup*

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Setting up your Sicura Laminator takes just two easy steps:

1. Unpack and install the laminator

- A Preparing a Location for the Laminator
- B Removing the Laminator from the Box
- C Check the Package Contents
- D Install the Lamination Film
- E Connect the Laminator to a Power Supply
- F Set the Optimum operating temperature and test the Laminator Operation
- G Interfacing to a Rio/Tango printer
 - Important Note for Setting Up your Rio/Tango Printer Driver to work with the Sicura Laminator
- H Interfacing to a Turbo series printer

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- J Adjusting the Hopper
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3. Verify correct operation

- L Important Cleaning Procedures
- M In Case of Difficulty

Note: The Ultra WEB site at <http://www.ultramagicard.com> contains comprehensive technical support information including the latest downloadable software, WINDOWS Drivers, Technical Bulletins etc

Conventions

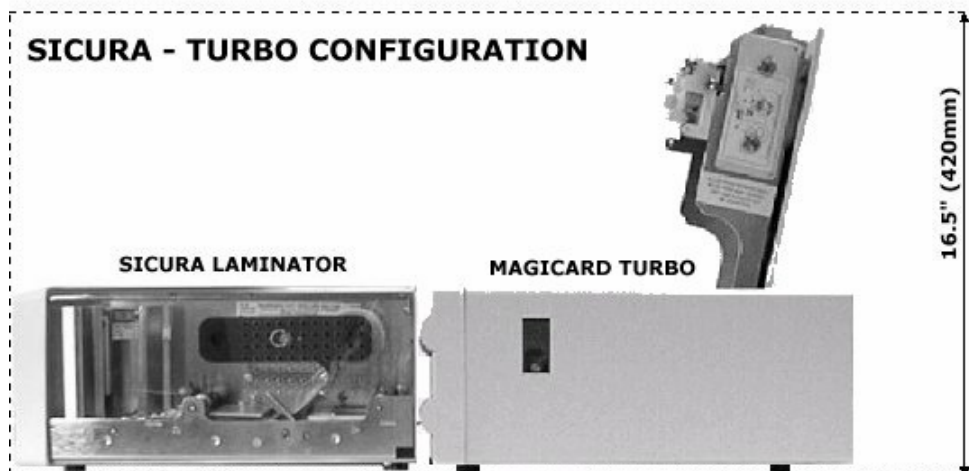
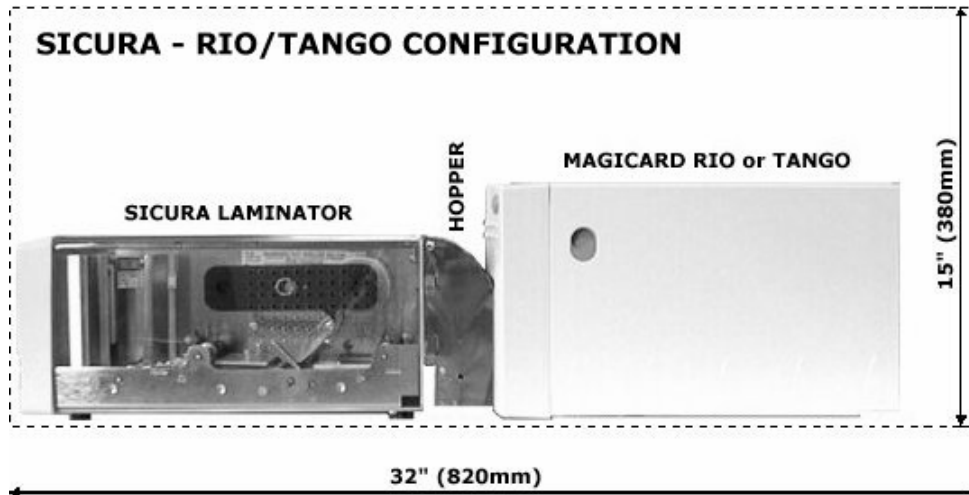
Throughout this guide, the following conventions are used to identify important information.

WARNING - *Warning messages indicate where personal injury could result from not following the correct procedures.*

CAUTION - *Caution messages indicate where damage to equipment could result from not following the correct procedures.*

NOTE - *Notes convey important information that is identified within the text.*

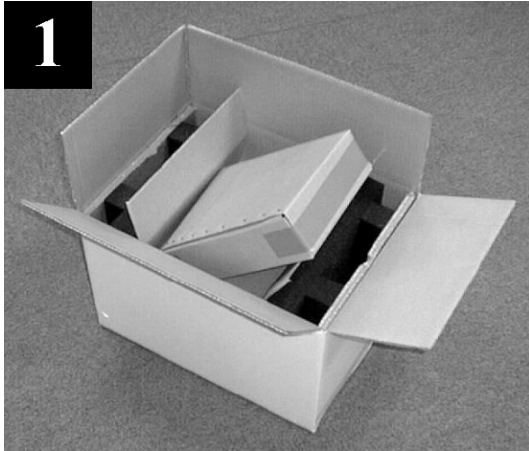
Preparing a Location for the Sicura Laminator and Printer



Location Requirements for your laminator/printer:

- A clean, level surface.
- Adequate space for:
 - opening the printer cover
 - opening the laminator cover
 - cable access at the rear and RH side
 - allowance for air circulation.
- An adequately ventilated room.
- An adequate power supply.
- Ambient temperature +10 to +30 deg C.
- Relative Humidity 20/70% RH.
- Protection from direct sunlight and chemicals.
- Protection from abrupt temperature changes.

B Removing the Laminator from the Box



1 Carefully open the box and remove any accessories.



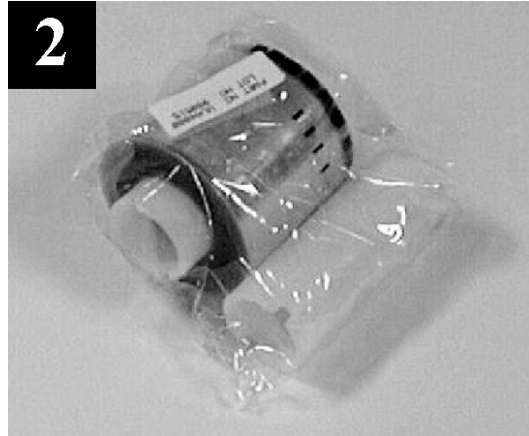
2 Place on a smooth, level surface and remove the polyethylene container.

Checking the Package Contents

C



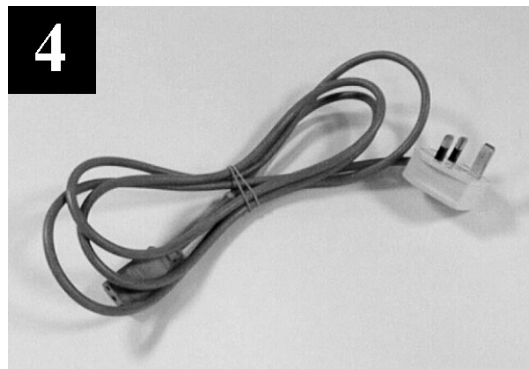
1
The MagiCard Sicura Card Laminator



2
A Roll of Lamination Film and a Take-up Core (only supplied when ordered with the Laminator)



3
Envelope containing this Quick-Start guide

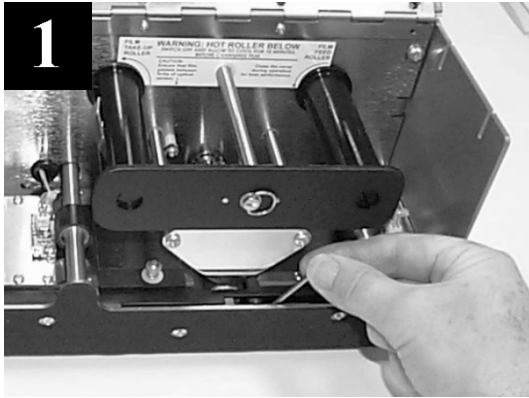


4
A Power Cord with Molded Plug for your country's voltage standard

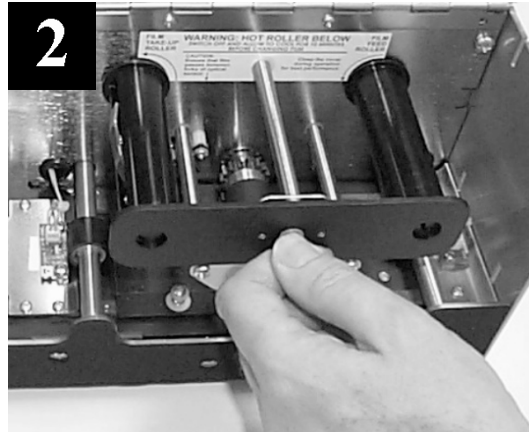


**Check that the Mains Supply Voltage is correct for your country.
(Different models are manufactured for each supply voltage.)**

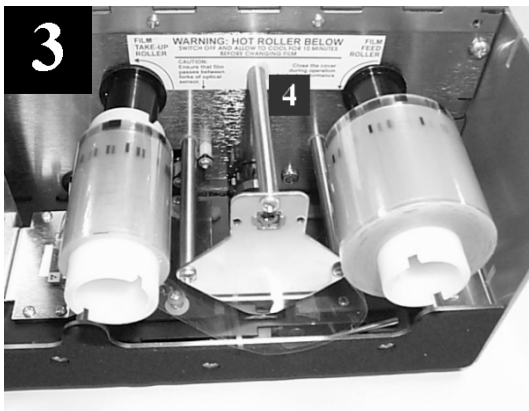
Install the Lamination Film **D**



1 Lift the transparent cover and move the roller lever to the OPEN position.



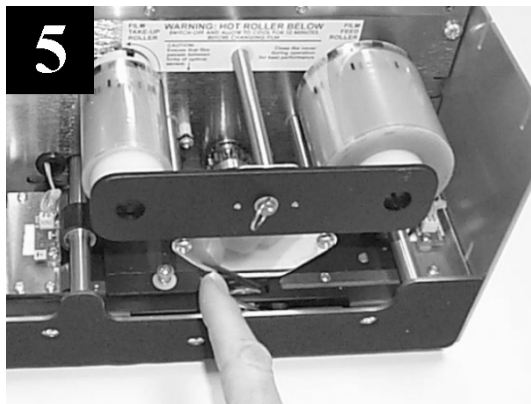
2 Turn the fastener ¼ turn counter-clockwise and remove the plate.



3 Gently install the roll of film between the rollers. The black alignment marks on the film should be innermost.



4 Ensure that the film passes between the forks of the optical sensor.



Replace and fasten the film retaining plate, and close the lever.



**Gently turn both rolls, to ensure that there is no slack film.
Close the transparent cover.**

Connect the Laminator to a Power Supply



Check that the Laminator operating voltage is correct for your supply voltage.

(Units cannot be changed from one voltage to another.)



Connect to the AC supply and switch ON.



Check that the temperature Controller's LED's flash.



After a few seconds, the display will indicate the temperature of the laminating roller in °C, which will begin to increase in value.



The temperature will achieve the set point level after a delay of 4 minutes, and the READY indicator will illuminate.

Notes:

1. When switched on, the laminating roller and take-up roll turn for 30 seconds or until a black alignment panel is found by the optical sensor.
2. The Ready LED will flash for 4 minutes until the roller has heated up, cards cannot be fed in until then.
3. Opening the roller lever will stop all card/film movement. Closing the lever performs a Reset function but without the 4 minutes delay.

Select the Operating Temperature and Test the Laminator Operation



NOTE: The optimum roller temperature is best determined by trial and error, using your own cards and laminating film. The following notes are for your guidance only.

- Cards with large, unprinted white areas require a higher temperature for lamination.
- We recommend that lamination is performed with the cover down.
- PET/PVC composite cards are more resistant to heat deformation than plain PVC cards.
- Holographic film requires a higher temperature for lamination than clear film.
- For laminating PVC cards with clear film, a roller temperature of 180°C should be adequate.
- For laminating PET/PVC cards with holographic film, a roller temperature of 190°C is suggested.

There will be slight variations from laminator to laminator, as well as between different card types. However, if film bonding is poor, increase the roller temperature. If the cards are too deformed, or the surface is marked, reduce the temperature.



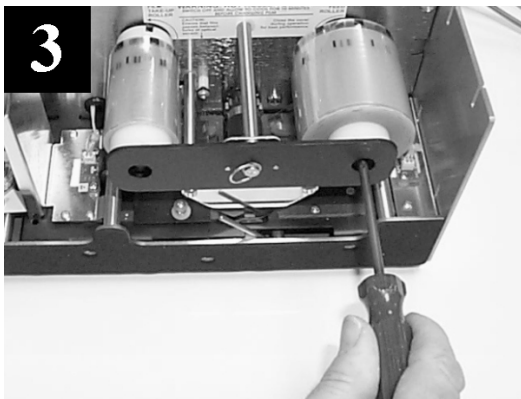
1

Insert a card into the slot, side to be laminated uppermost. Cards should be clean, dust-free and not already overcoated.



2

The card will be laminated in 35-40 seconds. The READY indicator should be off during lamination. **ROTARY SWITCH AND DIP SWITCH ADJUSTMENTS**



3

Adjust the IN/OUT position of the laminate on the card by screwing the core in or out, if necessary.



4

The LEFT/RIGHT position of the laminate on the card can be adjusted by means of the rotary switch scaled 0 to F. The second rotary switch (Spare) is not used (future option). **DIP SWITCH SETTINGS** All switches are to be left in the UP position except when operating the Sicura in conjunction with a TURBO printer, in which case Switch 1 (brown) should be DOWN.



Adjust the roller temperature for good laminate adhesion as required (up to 200°C max). The display normally shows the roller core temperature in °C.



Press the LH Scroll Key once to select display of setpoint value. The SP indicator will illuminate.



Adjust the setpoint temperature with the ↑ and ↓ keys as desired. Press the Scroll Key once to return to normal operation. The SP indicator will go out.



Keep the cover down for best results. White cards need higher temperatures than printed cards, for best adhesion, as does Holographic film.



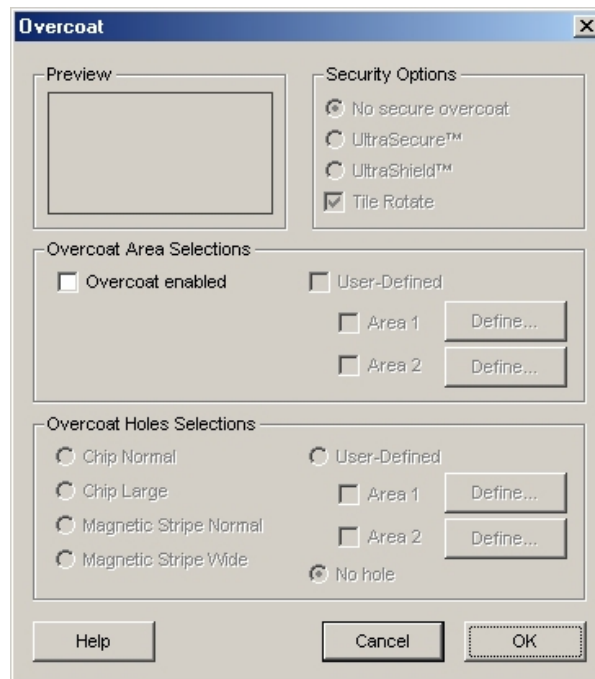
Interfacing to a RIO/TANGO Printer

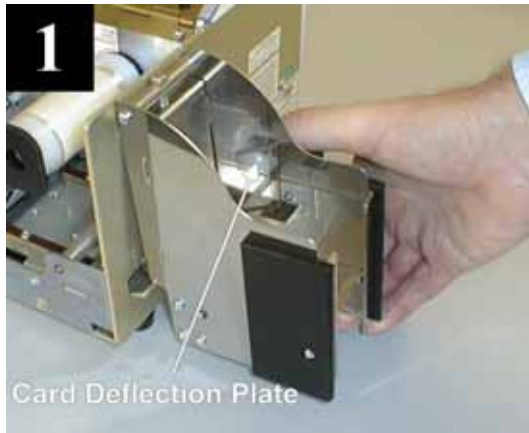
IMPORTANT NOTE FOR SETTING UP YOUR RIO/TANGO PRINTER DRIVER TO WORK WITH THE SICURA LAMINATOR –

Please select the appropriate option in your printer driver for best results. It is necessary to make the correct settings to the overcoat page in your printer driver when using a laminator.

If your printer is installed with a custom Holokote key, or you are using the standard UltraSecure logo you can select the UltraShield box under the Security Options. This selection uses selective overcoat application to give a 3D security logo effect.

If you are overlaminating with no additional security option, ensure the overcoat enabled box is *not* checked.

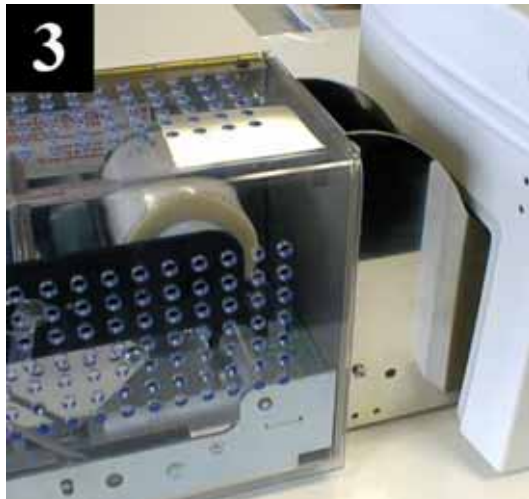




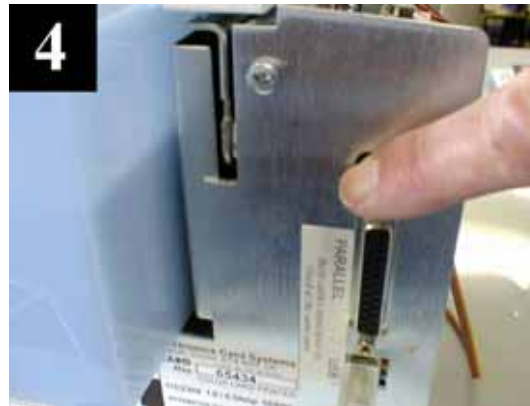
Clip the card Feed Hopper to the end of the Sicura card laminator. Make sure the Card Deflection Plate is fitted.



Connect the interface cable from the laminator. Check that the DIL Switch selections are 'UP' (see Section F4).



Position the Sicura against the Printer so that cards from the printer drop into the hopper.



Switch on and allow the laminator to warm up. Print and laminate a test card by operating the Test pushbutton at the rear of the printer.

Note:

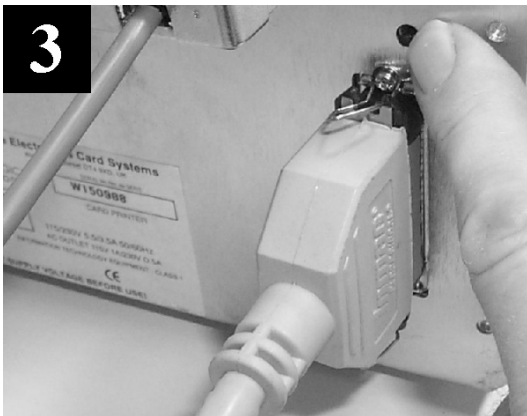
The Rio/Tango printer can print cards faster than the Sicura can laminate them. There is a hopper capacity of about 12 cards, but to reduce the speed discrepancy, it is recommended that the printer is operated in ColorSure mode (refer to the Rio/Tango Quick-Start Guide).

An interface cable ensures that the printer does not feed cards into the Sicura laminator until the laminator is ready.

H Interfacing to a TURBO Series Printer



Switch off the printer, remove the UltraSecure dongle, and attach the cable from the laminator to the printer.



Switch both units ON, and allow to warm up. Print and laminate a test card by pressing the Test Card button at the rear of the printer.

Notes:

1. If the Magicard card printer prints a card before the laminator is ready (ie not fully armed up, or still laminating the previous card), the card is held within the body of the printer until the laminator is ready, and further printing is queued.
2. All new Turbo printers are configured to detect the presence of a Sicura laminator. If UltraSecure is de-selected in the Windows driver, the Turbo produces cards with no overcoat.
3. If UltraSecure is turned on however, the printer will copy the standard or key-based security logo onto the card, laying down solid overcoat only in the area of the logo itself.
4. When cards are subsequently overlaminated, the result is a clearly visible '3D' logo effect which is clearly visible in normal daylight.
5. When viewed under UV light, the logo fluoresces brightly, producing a security check against counterfeit IDs.



Position the laminator so that the location tab at the card entry slot is located in the card exit slot of the Magicard printer.

Check that the DIP Switch Section 1 (brown) is in the DOWN position (see Section F4).

Operating the Hopper/Sicura in Stand Alone Mode

I



1 Clip the Card Feed Hopper to the end of the Sicura card laminator and remove the Card Deflection Plate.



2 Connect the interface cable from the laminator. Check that the DIL Switch selections are UP (see Section F4).



3 Load the hopper with cards to be laminated (100 cards maximum).



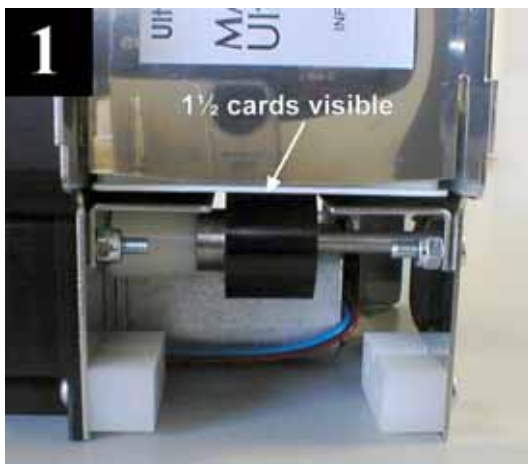
4 Switch on the laminator and the hopper. The hopper will start to feed cards into the laminator when it is READY.

J Adjusting the Hopper

The Card Feed Hopper has been factory set for use with 30 thou cards. Should it require adjustment, carry out the following procedure:

Remove the hopper from the laminator, remove the interface cable.

Insert a stack of your normal cards to be laminated. Cards should be flat for correct feeding.



View the cards edge-on at the card exit aperture and adjust the shutter screw so that 1½ cards thicknesses are exposed.



Re-fit the Card Feed Hopper and the cable.

Check for correction operation.

Error Indicators



The Sicura card laminator has three indicators to tell you what is happening:

- READY (Green) -** **When lit, indicates that it is ready to laminate a card.**
When flashing, indicates that it is still warming up.
When off, either busy laminating a card, or the power is off.
- MEDIA (Red) -** **When lit, indicates that the sensor did not detect the black patches on the film, so either out of film or incorrectly loaded.**
- ERROR (Red) -** **Checks the progress of a card through the laminator. Indicates that card transport has failed and requires investigation.**
Reset by opening and closing the roller lever.



Important Cleaning Procedures

Correction operation depends on clean rollers to transport cards, an undamaged laminating roller, and a dust-free environment.

It is recommended that the laminator be cleaned after every roll of lamination film (250 cards).

PREPARATION

Set the temperature controller to 20°C, then switch off.

Allow to cool down for 15 minutes.

Remove cards and both film cores.

CLEAN DUST FROM FILM BOSSES

Using a slightly damp cloth, wipe any plastic dust from the two film core bosses, the retaining plate, and any visible dusty surfaces.

CLEAN THE ROLLERS

Switch the laminator on.

Using a slightly damp cloth, wipe the exposed surfaces of the two pinch rollers and the laminating roller. Operate the open/close lever to turn the rollers.

Switch off and allow to dry.

RE-LOAD

Re-load the laminator with a fresh roll of film and take-up core. It is not recommended that take-up cores be re-used.

New cores are supplied with each roll of film.

Switch on and set the temperature controller to the desired laminating temperature.

When warmed up, laminate two or three plain cards to get rid of any residual dust and to check the film alignment on the card.

In Case of Difficulty



Check the Installation:

- Repeat the installation steps in this guide.
- Check that the laminator mains voltage is correct.
- Check that the laminating film is the right way round and passes through the optical sensor.
- Check that the unit has warmed up (3 minutes).
- Check that the rollers are clean.
- Check the status of the Error LEDs (section K).

For further assistance:

- There are a number of useful Technical Bulletins on the MAGICARD WEB page at <http://www.ultramagicard.com>. If you do not have WEB access, copies can be requested from Customer Service.
- Call your local Dealer, giving the Model Number and Serial Number, a description of the nature of the problem, and the flashing error codes if present.
- Call the *Ultra Magicard Customer Service Hotline number - +44(0)1305 762115 or +44(0)11305 762121.*
- Email us at: customer_service@ultramagicard.com.

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Federal Communications Commission (FCC) Statement

Warning: This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operating in a commercial environment.

Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Note: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

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Limited Warranty Information

- 1) **Coverage:** Ultra Electronics Ltd Warrants that the MAGICARD Sicura card laminator shipped with this Warranty statement will conform to the manufacturers specifications and be free from defects in materials or workmanship for a period of **12 months** from the date of original purchase by the user.
- 2) **Warranty Claims:** If the MAGICARD laminator proves defective during this period, please contact the Ultra Service Center, at the address and telephone/fax number given below. The Ultra Service Center personnel may first ask you to carry out certain simple checks to confirm the nature of the problem, and if a return is appropriate they will give you a Return Authorisation Number and consignment instructions to the appropriate repair center. Ultra will, at its option, repair or replace the defective parts at no charge to the customer.
- 3) **Warranty Limitations:** The Warranty does not apply to MAGICARD laminators that have been:
 - Damaged through physical or electrical mishandling.
 - Damaged through operation in environments which are outside normal office conditions in terms of corrosive atmosphere, temperature, humidity, shock or vibration.
 - Improperly installed or interfaced to other products which may exhibit software problems or expose the MAGICARD to improper voltages or control signals.
 - Fitted with lamination film rolls from any source other than Ultra Electronics, or have been used to laminate on anything other than card surfaces which are approved by Ultra and which will generally be made of PVC, be completely flat, and be free of harmful particles or substances.
 - Serviced or interfered with by anyone other than an Ultra Authorised Service provider.
- 4) **Shipping:** Insurance and shipping costs incurred in sending the MAGICARD laminator for Warranty service are the responsibility of the customer. Whenever possible Ultra Service Centers will use the same class of shipping service selected and paid for by the customer to return the laminator. Return shipping costs from Ultra to the customer will be at Ultra's expense. After obtaining the Return Authorisation Number as described above, the laminator should be securely packed in its original packaging with proof of date of purchase and a note describing the problem and quoting the Return Authorisation Number. The printer must be sent to the service center address supplied with the Return Authorisation Number by the main service center. This address may be different to the address listed below, but will generally be closer to you. Please also mark the Return Authorisation Number on the outside of the shipping carton. All customs duties and taxes, if applicable, are the responsibility of the customer.
- 5) **Applicability:** The Warranty and remedy provided above are exclusive and in lieu of all other warrants, either express or implied, including but not limited to, implied warranties of merchantability and fitness for a particular purpose. Any statements or representations made by any other person or firm are void.

Neither Ultra Electronics Ltd nor its affiliates shall be liable for any loss, inconvenience, or damage, including direct, special, incidental, or consequential damages, resulting from the use or inability to use the Ultra product, whether resulting from breach of Warranty or other legal theory even if Ultra has been advised of the possibility of such damage or loss.

This Warranty is governed by the laws of England. Any dispute arising out of or relating to this Warranty shall be submitted for arbitration of this dispute or disputes pursuant to the rules and regulations of the UK Arbitration Act.

This Warranty gives you specific legal rights, and you may also have other legal rights which vary from country to country so the above limitations and exclusions may not apply to all customers.

For Warranty enquiries please call or fax our Warranty Service Manager:-

<p>Ultra Electronics Limited MAGICARD Service Center Waverley House Hampshire Road Granby Estate Weymouth Dorset, DT4 9XD, U.K. Tel: +44 (0)1305 762121 or 762115 Fax: +44 (0)1305 777904</p>
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EC Declaration of Conformity

Manufacturer's Name: Ultra Electronics Limited.

Manufacturer's Address: Waverley House,
Hampshire Road,
Granby Estate,
Weymouth,
Dorset DT4 9XD
England.

declares that the products

Product Name: MAGICARD Sicura™ Card Laminator.
Model Numbers: 3504-0240 (240V Model)
3504-0115c (115V Model)

conform to the following Product Specifications:

Safety: BS7002 : 1992 EN 60950 : 1992
Safety of information technology equipment
including business equipment.

EMC: EN50-081-1 1992 Generic Emission Standard
Part1: Domestic, Commercial and Light Industry.
EN50-082-1 1992 Generic Immunity Standard
Part 1: Domestic, Commercial and Light Industry.

Supplementary Information:

Date: November 2002